

**Bournemouth
University**

Measuring Success & Sustainability in Project Management: A Case Study of Quality Education

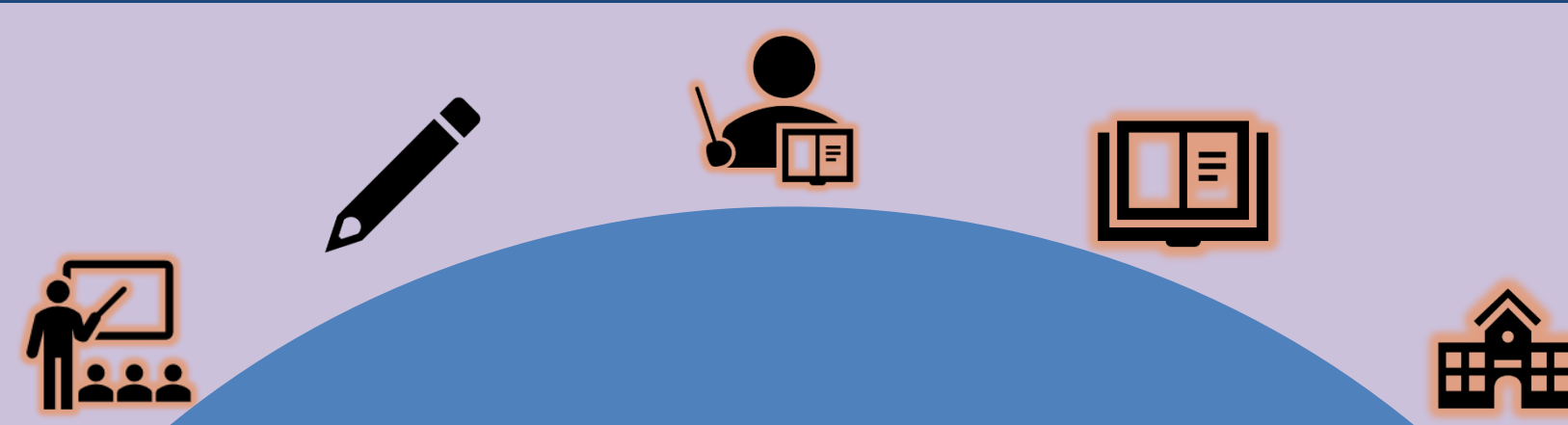
Sidra Shahid & Dr Martyn Polkinghorne

WHAT IS THIS RESEARCH INVESTIGATING?

This research is about identifying and measuring success criteria applicable to 'sustainable' projects. In particular, the research study will consider several different techniques such as EVM (Earned Value Management) and the Agile Methodology using case studies based upon Non-Governmental Organisations (NGOs) operating in Pakistan. PRINCE 2 and PRISM techniques will be used to evaluate the success measurement criteria, and the project will apply a lens based upon UN Sustainability Goal 4 (Quality Education) as its focus.

UN 17 SUSTAINABLE DEVELOPMENT GOALS

- Zero Poverty
- No Hunger
- Good Health & Wellbeing
- Quality Education
- Gender Equality
- Clean Water & Sanitation
- Affordable & Clean Energy
- Decent Work & Economic Growth
- Industry, Innovation & Infrastructure
- Reduced Inequalities
- Sustainable Cities & Communities
- Responsible Consumption & Production
- Climate Action
- Life Below Water
- Life on Land
- Peace, Justice & Strong Institutions
- Partnerships for the Goals



QUALITY EDUCATION

Can we define a
framework for use by
organisations that
wish to adopt
sustainability in their
projects?

METHODOLOGY

This study uses the philosophy of realism, an abductive approach, and stratified random sampling for a quantitative questionnaire based investigation of Pakistan based NGO operatives. The research is supported by qualitative interviews of participants selected using a purposive (judgemental) sampling technique, and with recursive abstraction thematic data analysis.

References:

- Abdi, A., Taghipour, S. and Khamooshi, H., 2018. Corrigendum to "A model to control environmental performance of project execution process based on greenhouse gas emissions using earned value management" [Int. J. Project Management, 36 (3), 397-413]. *International Journal of Project Management*, 36 (8), 1047-1049.
- Atkinson, R., 1999. Project management: cost, time and quality, two best guesses and a phenomenon, it's time to accept other success criteria. *International Journal of Project Management*, 17 (6), 337-342.
- United Nations, 2019. *Education - United Nations Sustainable Development*. <https://www.un.org/sustainabledevelopment/education/> [Accessed 7 Nov. 2019].
- United Nations, 2019. *About the Sustainable Development Goals - United Nations Sustainable Development*. <https://www.un.org/sustainabledevelopment/sustainable-development-goals/> [Accessed 7 Nov. 2019].
- Polkinghorne, M. and Arnold A., 2014. *A Six Step Guide to Using Recursive Abstraction Applied to the Qualitative Analysis of Interview Data*. Poole: Bournemouth University.